
FOLIO

Collective Effort Stays Forces of Darkness

L.C. Leitch, Vice-President (Finance and Administration), addressed Spring Convocation on 7 June. Here with his text.

One year ago, from this platform, I enjoined the graduands not to forget their academic roots, but to carry with them a continuing concern for this place. My intention was not to suggest that they have an obligation; indeed, I stated specifically that they owed us nothing, that we had entered into a contractual arrangement which was concluded with the granting of their degrees. I did say, however, that they had received excellent value for their investment of time and money, and that theirs was a first-class education which would benefit both society and themselves in equal measure.

I believe as strongly now as I did then that, in general, students graduating from the University of Alberta can be secure in the knowledge that their degrees are highly regarded in business, in government, in the professions, and in the graduate schools. At the same time, however, seldom in our history has the quality of the educational experience at this University, and at its sister institutions, been more threatened. Why this is so needs little elaboration here. Resources have not kept pace with the burgeoning needs of a system that has the mission to remain at the forefront in the face of rapidly changing technologies, that is stretched to the breaking point as enrolments reach new highs in each succeeding year.

In his address to the 1984 annual meeting of Northern Telecom Limited, Walter F. Light, Chairman and Chief Executive Officer and one of the most respected businessmen in the country, states unequivocally that Canada has a crisis in its universities. He shows no favoritism in apportioning the blame for the "piteous shape"

of the system. His targets include not only governments, but business, parents, students, and significantly, the universities themselves. Permit me two short quotations from Mr. Light's address. "The universities are to blame for blithely assuming that each has a divine right of growth and glory in all disciplines; for each pursuing its individual growth objectives with little, if any, acknowledgement of the national interest, or the national ability to financially support their individual, and collective, ambitions. It is not apparent to me that universities are establishing priorities within their own walls, let alone between, and with, other universities." He goes on to say, "Universality of higher education has proven to be no more successful in creating centres of academic excellence here than it has in other countries. In trying to meet everyone's demands for space, for teachers and for financing, we are satisfying none. We are instead, reducing the total university system to an inappropriate level of mediocrity. This has obvious, negative results for research, for the training of top scientists, for innovation, and for academic achievement."

The Plea is Guilty

Eminent Chancellor, I submit that the system must plead guilty to the specific charges cited by Mr. Light, while not necessarily accepting his conclusions. Certainly the spectre of universal mediocrity looms very large indeed, and there are no doubt some institutions that will never rise above that level, but I believe that the relatively high standards enjoyed by the major universities in this country can be maintained if we have the courage and the will to take the requisite steps.

Although to declare a moratorium on all new programs would destroy the vitality of our universities, each such program must be critically examined in the light of resource constraints and the alternatives available elsewhere in the system. It is also essential that we review, in a systematic manner, those programs and support services that we presently provide. These two initiatives, in turn, will best be accomplished if measured against a statement of university purpose and a set of university priorities. At best, we are in a zero-sum game, and to achieve an appropriate standard in one discipline or function may mean the withdrawal of support from one or more other units. These are the kinds of hard choices that must be made—we cannot continue to spread diminishing real resources more or less evenly across all of our activities. To do so would be to ensure a widespread reduction in standards.

In a free society, universal accessibility to an education at all levels is often regarded as a right rather than a privilege. Complete freedom of access as far as the post-secondary system is concerned has seldom, if ever, been achieved in fact. At the same time, however, at least in the case of the traditional disciplines, entrance standards to universities have generally been maintained at levels that permit very broad access. This, of course, is not true of virtually all professional Faculties, where quotas have become the rule, rather than the exception. In an environment in which governments have found it necessary or expedient to restrict grants to universities, and at the same time, place limitations on tuition fees, such broad access is no longer possible, if any semblance of quality is to be maintained.

The dilemma that the universities face is a difficult one. Inevitably, the initial reaction as funding in real terms diminishes, is to make across-the-board cuts. This process continues for a time until bone is reached, and then specific excisions start to be made—in expenditures in support of research, in library acquisitions, or on plant maintenance, but virtually never in program areas. Some of the reasons have already been alluded to—the absence of well-defined priorities being one of them. Tightening up existing quotas and introducing new ones would reduce some of the pressures and provide some relief for beleaguered staff and facilities, but this creates its own set of problems. Restricting admission to university at a time when the interest in advanced education has rarely been stronger is not likely to be popular with the public at large, or with our political masters. There is also an element of cutting off our noses to spite our faces, since lower enrolments mean lower fee revenues and in some jurisdictions, lower government grants.

Our University has not been spared the agonies associated with restricted real resources in a period of rising enrolments. Over the last six years, budget cuts totalling \$17 million have been imposed on Faculties and support units. During the same period, enrolments have gone up by 31 percent to 23,700 full-time students; section sizes have grown, laboratory facilities have been severely strained, and students have had to line up at 3 o'clock in the morning in order to gain access to computer terminals. And there are many other examples of the pressures on students, staff and facilities in the current environment.

Continued on page two

Glancing Blows

Eminent Chancellor, notwithstanding the bleak picture that I have sketched, I continue to be of the view that at this University, none of the measures that we have taken thus far has wounded us mortally. We are hurting, but thanks to an academic and support staff that has shouldered additional burdens, and a student body that has been prepared to accept overcrowding and less than ideal timetabling arrangements, the quality of the educational experience here has not been severely compromised.

Although positions have disappeared in the academic and support ranks, the core of sound, dedicated people remain. By one means and another—special funding, and internal resource shifts—we have been able to maintain and supplement the Library's holdings, for example,—not as much as we would have liked, perhaps, but very creditably under the circumstances. Although it has entailed some sacrifice, we have kept inviolate endowment funds earmarked for research and scholarship, and not yielded to the temptation to divert those such funds over which we have control into an operating budget where they would have been consumed and forever lost to the pursuit of excellence, a quest which depends on such special support.

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Perhaps the best example is our Endowment Fund for the Future, created from the proceeds of the sale of a portion of the University Farm to the provincial government, which has made possible the establishment of three prestigious Tory Chairs, a Fund for the Advancement of Scholarship, the McCalla Professorships, and several other important initiatives.

We have also met the enrolment problem head-on; firstly by increasing the minimum average for admission from 60 percent to 65 percent, and more recently by imposing a University-wide quota. Neither of these decisions were universally popular, either within the University or in the wider community, and they engendered some of the best debate that I have been privy to since I arrived on campus some 23 years ago.

There is absolutely no doubt in my mind that we had no choice in the matter, and that any suggestion that the University's actions were politically motivated is patently absurd.

Mechanisms are now in place which will permit the searching look within and the critical appraisal of our futures, which are essential if we are to maintain the standards that have taken us over 75 years to attain. The President's Advisory Committee on Campus Reviews has brought together leaders in their respective fields from other institutions and from our own staff who have already assessed some two dozen academic and support units and will be doing 15 more in the current year. It is too early to tell what the ultimate impact of this process will have on the University,

but the knowledge that it will provide us about our strengths and weaknesses will help us to make the priority decisions and difficult choices that lie ahead. Some of our most experienced staff, together with student and Board of Governors representation, are serving on four Planning Groups, with the collective mission of charting a course for the University of Alberta for the balance of this century and beyond. Their work will determine the shape and character of this place.

Eminent Chancellor, we should be proud of the manner in which all of our constituencies have met the challenges of the last few years. We are taking the steps which are essential for our survival as a leading teaching and research institution, but we will be successful only if we have the active support of government and the community. □

Visual Identity System Implements New Stationery Standards

Black and white stationery, R.I.P. The new stationery is "natural white" in color, and features a slightly revised University crest. The crest and department or division name is printed in gold ochre, and all other information is printed in brown.

Phase 1 of the Visual Identity Program relates to the standardization of more than 100 different types of University letterhead, and, consequently, the initiation of University-wide cost savings. Further phases of the Program will adapt site and vehicle signage, signatures for electronic media and CRT's, etc. to the Visual Identity standards. A Visual Identity Standards Guide for Phase 1 has just been completed, and will be sent to Deans, Department Chairmen and Directors in the near future.

Thus far, 128 units have been entered into the system. Any department wishing to order stationery from Printing Services must first send samples of its current stationery to the Office of Community Relations, where they will be entered into the system.

The department will receive proofs to peruse for data errors approximately two weeks later. One set should be retained for the department's files, and the other should be corrected and sent back to Community Relations. Two days later an

order can be placed with Printing Services.

A photocopied proof of stationery items being ordered should be included with the printing indent. This will help prevent spelling and/or address errors, particularly if an office is changing its location. A price list is available through Printing Services; for ordering purposes, the stationery and envelopes come in *Byronic 22 lb.*

bond. The envelopes also come in *Ivory Bond #7.*

Those who may have further questions/suggestions are asked to put their concerns in writing and send them to D.C. Norwood, Chairman, Visual Identity Committee, 3-12 University Hall, telephone 432-4730. The Committee will take all suggestions into consideration, and reply as soon as possible. □

Libraries Receive SSHRC Visitor

Two major collections in the Humanities and Social Sciences Library (HSSL) recently came under close scrutiny and were judged to be outstanding. Lorraine A. Tinsley, a program evaluator under contract to the Social Sciences and Humanities Research Council in Ottawa, reviewed the European Romanticism Collection and the Yugoslav Languages and Literature Collection in June and concluded that the HSSL had become one of the major resource libraries in these areas in North America, surpassing in quantity and quality some European libraries.

Ms. Tinsley made only five visits to libraries, the University of Alberta be-

ing the only library west of Ontario to host a visit. The stature of the University's collection is reflected in her comments that she was greatly impressed at how HSSL staff had cultivated the Romanticism collection and how the Yugoslav materials complemented the library's strength in Slavic and East European studies.

During her day-long visit Ms. Tinsley met with members of the English and Slavic and East European Studies Departments and with the librarians who have collaborated in selecting items for the Library's collections. These major collections of strength contribute to the research capabilities of the University Library. □

Exchange Agreement With Slovak Technical University Signed

The University has entered into an Agreement of Co-operation with the Slovak Technical University, Bratislava, Czechoslovakia.

The Agreement, signed by J. Gordin Kaplan, Vice-President (Research), and Anton Blazej, Chancellor and Rector of the Slovak Technical University, is based on the exchange of scholars and post-graduate fellows. The two institutions will also "collaborate in research on topics of mutual interest."

The signing by Dr. Kaplan and Professor Dr. Blazej at University House on 22 June opens the door to:

- exploring the possibility of mutual visits of scientists for the purpose of presenting lectures and exchanging views on scientific subjects;
- promoting joint collaboration, where feasible, in research projects of mutual concern;
- assisting in the advanced training of young scientists where means and facilities exist; and
- exchanging information in the form of publications and other scholarly communications.

The Agreement's musculature is defined by the fact that the Governors of our University and the Slovak Technical University recognize their "common need in promoting international cooperation in all fields of science and scientific and engineering research."

"We can learn much; there is nothing backward about Slovak tech-

nology," Dr. Kaplan said following the formal ceremony. Chancellor Peter Savaryn, who has visited Bratislava, said he hoped politics would not enter into the agreement, to which Professor Dr. Blazej quickly said, "Science is international."

The agreement took effect 1 July 1984 and will continue until either party wishes to amend or cancel it.

The prospective visiting scientist should submit a proposal and curriculum vitae to the host university. If accepted, a stipend will be provided by the host university to cover living expenses, accommodation and local travel. The amount of the stipend will be specified for each case. Travel from home to the host university will be the responsibility of the visiting scientist or the sending university.

The Slovak Technical University was founded in 1938. An engineering-oriented school, it currently has about 18,000 students. A member of our faculty who is very familiar with it is Michael Micko, Professor of Agricultural Engineering. A graduate of the Slovak Technical University (BEng, CSc), he was a central figure in the negotiations leading to the signing.

Professor Dr. Blazej invited everyone present to visit the Slovak Technical University, should they happen to be in the neighborhood. Bratislava is in southern Czechoslovakia, on the Danube River. Its population is slightly in excess of 388,000. □

Library Acquires Valuable Irish Literature Collection With Aid of SSHRCC Grant

With the aid of a \$2,500 grant from the Social Sciences and Humanities Research Council of Canada under its program for the support of significant regional research collections, the Library has recently acquired a valuable collection in the area of Irish Literature. A collection of the works of the Irish novelist, Liam O'Flaherty, 1896-, totals 65 items, and includes first editions of all the major books cited in NCBEL, except for *Dúil*, Du-

blin, 1953. There are 13 limited signed editions.

With the assistance of the SSHRCC grant, the University of Alberta Library has attained significant additional strength in its Anglo-Irish Literature collection. The grant was the result of the efforts of Georgina Lewis, Collection Co-ordinator, Humanities and Social Sciences Library. □



Professor Dr. Blazej, Dr. Kaplan and Chancellor Savaryn (left to right) converse after the signing ceremony.

Ron Phillips Leaves Physical Campus in Excellent Condition

At Spring Convocation last month, President Horowitz had words of praise for Ron Phillips, Vice-President (Facilities and Services) who retires on 31 August. When he turned to the platform party to salute him, Mr. Phillips wasn't there. It was perhaps the first time that they got their wires crossed. Mr. Phillips, who was seated in the audience, has always worked well with Dr. Horowitz and his predecessor, Harry Gunning, and his predecessor, Max Wyman, and.... Ron Phillips has served under every University of Alberta President save Drs. Tory and Wallace.

The gibe that is dusted off when a person joins central administration is, "Congratulations, or should that be commiserations?" The latter were in order in terms of the filing "system" that Mr. Phillips encountered when he took up the position of Director of Physical Plant in 1963. There were two cabinets with "general" stamped on most of the files. The biggest problem for Mr. Phillips was to "find out what the hell was going on." Tough days at the office lengthened into tough nights at home as bundles of paper carted home were arranged all over the floor and perused. Eventually he was able to establish a system which is still being used in the Department of Physical Plant.

Filing is extremely important in providing fast turnaround in the facilities and services game. One gets the impression that Mr. Phillips will be everlastingly thankful for the efforts of his former secretary Linda White and the fact that her boyfriend knew something about SPIRES. Today, Mr. Phillips's office on the lower floor of University Hall contains nearly 1,000 separate files which are only a key word away.

The home to which he took the odds and sods of files is but a short walk from campus—a campus that he knows better perhaps than anyone. After earning a BSc in Electrical Engineering here in 1942 (the graduating class contained six students) and completing an instruction program (math, physics, chemistry, electronics) for air force recruits, he was selected by Canadian General Electric to take a two-year test apprenticeship course. "My mind was made up to go into industry but I was asked to come back to the University in the fall." In December 1942, he became a full-time teacher of third and fourth-year electrical engineering courses.

He took basic naval training in Halifax but was sent back here where the times dictated that he work day and night and Saturdays preparing material and instructing students, many of

whom were older than he.

From 1947 to 1956 he was Commanding Officer of the University Naval Training Division. Among the cadets were Tevie Miller and Jack Kennedy, who currently sit on the Senate and Board of Governors, respectively.

The electrical engineering offices in the Old Power Plant were often rattled by a wheezing generator and dollars did not exactly grow on the few trees that dotted campus. "It wasn't much of a place in those days," Mr. Phillips recalled wryly.

People who came to the University in the '70s and '80s have missed out on the majority of the building of the institution. Ron Phillips has occupied a front row seat, a position that was to necessitate the development of superb peripheral vision. After 18 years as Associate Professor of Electrical Engineering, Mr. Phillips became Superintendent of Buildings, a title which soon gave way to that of Director of Physical Plant. The field was one which had long held his interest and no sooner did he step in and organize the files than building started in earnest with the construction of the General Services Building. Reverse the domino principle and you have the building scene at the University in the late '60s and mid-'70s. A number of architects plied their trade and the reviews were often, shall we say, mixed. A building like General Services is taken for granted by everyone here but not by visitors, Mr. Phillips says. For one thing, the foyer is too small. But it's a permanent building so

"It's unfortunate that we still have some temporary labs and some of the houses in Garneau are not a credit to the University. Students enjoy the privacy there but money should not be spent on renovating the houses because they are not to be part of the permanent housing scene."

Under the "anyone can make a mistake" category he recommended that Pembina, Athabasca and Assiniboia Halls be demolished in favor of new buildings. A *cause celebre* was precipitated with students, members of the Senate and other individuals and groups in opposition to his view. "In hindsight, I'm happy that my advice wasn't heeded; I'm completely supportive of the decision to restore them," he says.

Rutherford Galleria is his favorite spot on campus with the Humanities

Centre running second. To put a grin on his face, simply mention the demolition of the aging Campus Security Building.

An Electrical Engineering Building is the number one priority. Also of import are the current negotiations to take over the Alberta Research Council Building on 87 Avenue for the purpose of assigning much needed space to such entities as the Alberta Micro-electronic Centre and Chembiomed Ltd.

A great deal more office space is required to ease the drain on the operating budget brought on by the leasing of space in the Students' Union Building, the Garneau Professional Build-

ing, and others. Almost any new building has a beneficial effect he says, citing the space in the Central Academic Building and Athabasca Hall that will be freed up by the move of Business departments to the new Faculty of Business Building.

His advice to his successor is simple: "Bear in mind that you are here to provide a service, starting with the academic research area." He draws more than a little satisfaction from the manner in which the landscaping has complemented the various architectural styles, the expansion of Physical Plant and the personal hiring of "excellent people" like Al Rennie, Gordon Bulat, Tim Miner, Peter

Taitt, Gary Ballash and Werner Larsen.

After his retirement in August, he and his wife, Jackie, will divide their time between visiting with their four children in Prince George and Cold Lake and strengthening their ties with individuals and groups associated with the University. We can't speak for the availability of parking for their out of town jaunts but it will be a snap on campus. At a retirement soiree he was given the business end of a parking meter which can be mounted on his car. It features the University crest, his name and, on the flag, the words "Job expired, December 1942-August 1984." □

Agriculture and Forestry Welcomes Trio of EFF Visitors

The Endowment Fund for the Future has brought three Distinguished Visitors to the Faculty of Agriculture and Forestry.

S.P. Raychaudhuri, former Head of the Division of Mycology and Plant Pathology, Indian Agricultural Research Institute, New Delhi, is currently an EFF Distinguished Visitor in the Department of Plant Science. Best known for his research on diseases caused by viruses and mycoplasmas, Dr. Raychaudhuri gave two guest seminars and presented a paper entitled "Sandal Spike—Present Situation" at the International Union of Forestry Research Organizations Seventh Conference on Mycoplasma Diseases which is being held on campus this week.

Michael T. Mentis, Senior Lecturer in the Department of Grassland Science, University of Natal, is EFF Visitor in Plant Science, Animal Science and Forest Science. Widely known for his innovative theories regarding range condition assessment, wildlife culling practices and responsible stewardship of South African range and wildlife habitats, Dr. Mentis presented three special seminars pertaining to his area of expertise.

The third EFF Distinguished Visitor to the Faculty is Robin May of the Rowett Research Institute in Aberdeen, Scotland. A key figure in research on the physiology, nutrition and management of red deer, Dr.

May has an interest in the emerging Canadian game farm industry and the agricultural potential of the wapiti. Dr. May will be spending two months in the Faculty in order to conduct studies on the digestive physiology of wapiti.

The EFF Distinguished Visitor posi-

tion was created in November 1980 in order to "provide on a continuing basis for distinguished visitors who, through their presence among us for genuine interaction with staff and students, would constitute a stimulating intellectual environment." □

Health Sciences Library Moves to Mackenzie Centre

The Health Sciences Library will be moving from the basement of Cameron Library to the Walter C. Mackenzie Health Sciences Centre from 30 July to 10 August. The new library, to be known as the John W. Scott Health Sciences Library, will be a spacious, three-storey facility at the northeast corner of the Mackenzie Centre, across 87 Avenue from the Education Centre and linked to the Medical Sciences Building, the Clinical Sciences Building, and the University of Alberta Hospitals.

During the two-week period of its move, the Health Sciences Library will be closed to the public. Library material from both the reserve section and the open stacks may be signed out for the period of closure, prior to the move. Health Sciences materials may be returned to the main floor circulation desk in Cameron Library during this time.

From 30 July to 10 August, a reference librarian will be available to accept telephone requests for information at 432-5154, between 3 and 4 p.m. Monday through Friday. The current John W. Scott Library, a reading room in the basement of the University Hospitals, will remain open regular hours throughout this period and will provide access to a limited number of indexes, texts, and medical journals.

Health Sciences Library staff hope that these arrangements will ease any inconvenience caused by their move. They look forward to greeting their patrons later this summer in their new facility.

Any questions or concerns about the move should be directed to Sylvia Chetner, Acting Area Coordinator, Health Sciences Library, at 432-3791. □

Academic Staff Promotions Effective 1 July 1984

<i>Department</i>	<i>Name</i>	<i>New Rank</i>	<i>Department</i>	<i>Name</i>	<i>New Rank</i>
<i>Faculty of Agriculture and Forestry</i>			<i>Faculty of Medicine (cont'd)</i>		
Agricultural Engineering	M.M. Micko	Professor	Medicine/Surgery	R. Rajotte	Associate Professor
Food Science	P. Jelen	Professor	Pediatrics	P. Etches	Associate Professor
Forest Science	B.P. Dancik	Professor	Pathology	G. Nguyen	Associate Professor
Forest Science	R.L. Rothwell	Professor			
Animal Science	A. Shires	Associate Professor	<i>Faculty of Nursing</i>		
Food Science	P. Sporns	Associate Professor		P. Giovannetti	Professor
<i>Faculty of Arts</i>			<i>Faculty of Physical Education and Recreation</i>		
Anthropology	M. Asch	Professor	Physical Education and Sport Studies	J. Boorman	Professor
Anthropology	D. Lubell	Professor	Athletic Services	F. Tally	Associate Professor
Art and Design	P. Hide	Professor	Physical Education and Sport Studies	A. Belcastro	Associate Professor
Drama	D. Barnett	Professor	Physical Education and Sport Studies	M. Padfield	Associate Professor
Drama	B. Currah	Professor	Physical Education and Sport Studies	L. Thompson	Associate Professor
Drama	G. Perks	Professor			
Drama	W. Seibert	Professor	<i>Faculty of Rehabilitation Medicine</i>		
English	C. Bullock	Professor	Physical Therapy	J.E. Semple	Professor
English	P. Clements	Professor	Speech Pathology and Audiology	A. Putnam	Associate Professor
English	G. Kelly	Professor			
Music	A.J. Fisher	Professor	<i>Faculté Saint-Jean</i>		
Religious Studies	M. Waida	Professor		G. Allaire	Associate Professor
Romance Languages	R. Thornberry	Professor		J. Colson	Associate Professor
Slavic and East European Studies	R. Busch	Professor			
Slavic and East European Studies	K. Holden	Professor			
Economics	D. West	Associate Professor	<i>Faculty of Science</i>		
Romance Languages	P. Knight	Associate Professor	Chemistry	R.S. Brown	Professor
<i>Faculty of Business</i>			Computing Science	L.K. Schubert	Professor
Organizational Analysis	R. Greenwood	Professor	Genetics	R.B. Hodgetts	Professor
Organizational Analysis	M. Javidan	Associate Professor	Genetics	C. Strobeck	Professor
Office of the Dean	A. Hsu	Faculty Service Officer III	Geology	C.M. Scarfe	Professor
<i>Faculty of Dentistry</i>			Mathematics	T.B. Moodie	Professor
Dental Health Care	C.J. Osadetz	Professor	Mathematics	S.W. Willard	Professor
<i>Faculty of Education</i>			Zoology	W.C. MacKay	Professor
Educational Psychology	D.A. Baine	Professor	Zoology	J.O. Murie	Professor
Educational Psychology	G.W. Fitzsimmons	Professor	Mathematics	A.C. Liu	Associate Professor
Educational Psychology	R.F. Mulcahy	Professor	Mathematics	N. Tomczak-Jaegermann	Associate Professor
Educational Psychology	C.A. Norman	Professor	Microbiology	S.E. Jensen	Associate Professor
Elementary Education	D.J. Sande	Professor	Zoology	N.E. Stacey	Associate Professor
Elementary Education	J.H. Young	Professor			
Secondary Education	S.D. Ubelacker	Professor			
Educational Psychology	F.D. Snart	Associate Professor			
<i>Faculty of Engineering</i>			<i>*Effective 1 July 1982.</i>		
Civil Engineering	P.K. Kaiser	Professor	Chemistry Students Benefit from Dow's Generosity		
Electrical Engineering	I. Filanovsky	Professor	If a policeman's lot is not an happy one, the doctoral candidate's is surely not a cheap one. Years of study, often at great financial burden, culminate with the added expense of having to publish the successfully-defended thesis. Typing, proofreading, duplicating, graphics, and binding...the bill can easily approach \$400.		
Electrical Engineering	R.W. King	Professor	For students in the Department of Chemistry, that cost has been reduced by \$200, thanks to the generosity of Dow Chemical Canada Inc. A donation of \$15,000 over five years has been received from Dow, via Mike Baldwin, Director of Research. A		
Mechanical Engineering	R.W. Toogood	Associate Professor	PhD graduate from this University (1967), Dr. Baldwin met recently with retiring Chemistry Chairman Bob Crawford and worked out the terms of the endowment specifically earmarked for successful doctoral students.		
<i>Library</i>			"For a number of years we've been giving our PhD students financial assistance with the production costs of publishing their theses," explained Dr. Crawford. "This initiative on the part of Dow Chemical means that all of our doctoral candidates can benefit. It is a most appropriate source of funds and we are most grateful to Dow." □		
	S. Chetner	Librarian 3			
	C. Ewaskiw	Librarian 3			
	A. Rutkowski	Librarian 3			
	J. Buckingham	Librarian 2			
	K. DeLong	Librarian 2			
	L. Starr	Librarian 2			
<i>Faculty of Medicine</i>					
Biochemistry	R.S. Hodges	Professor			
Medicine	C. Basualdo	Professor			
Pediatrics	J. Godel	Professor			
Surgery	L.A. Davis	Professor			
Anatomy	G.R. Buzzell	Associate Professor			
Biochemistry	D.G. McFadden	Associate Professor*			
Medicine	M. Dasgupta	Associate Professor			
Medicine	A.L.A. Fields	Associate Professor			
Medicine	P. Greenwood	Associate Professor			
Medicine/Surgery	W. McBlain	Associate Professor			

Citius, Altius, Fortius

"California, Here I Come" will be the theme song for a number of current and former Golden Bear and Panda athletes who will be competing for Canada in the Summer Olympics, 28 July to 12 August in Los Angeles.

The leading scorer and rebounder in the CWUAA last season, Toni Kordic, is a valuable member of the National Women's Basketball team. Ms. Kordic won the prestigious Bakewell Trophy for 1983-84 as the University's Outstanding Female Athlete and was named the team's most valuable player. She has been on the squad since 1981 and was named to the CIAU All-Canadian and CWUAA All-Star teams last year.

Tracy Mills, former captain and MVP of the Panda Volleyball team, has a position on the national squad. Her athletic abilities are such that she was named to the CWUAA first all-star team. Ms. Mills will be joined by another volleyball great, Barb Broen,

who played the middle attacker position with the Pandas in 1982-83. She was named to the junior and senior national teams in 1982-83 and 1983-84, respectively. Another former Panda volleyball player will play for the National Field Hockey team. Debra Covey was a member of the volleyball squad for two seasons and the field hockey team last year. Ms. Covey was named volleyball MVP in '82-83 and was selected to the Canadian Women's Olympic Field Hockey reserve team last year.

Terry Danyluk will play for the National Men's Volleyball team. He had several outstanding seasons with the Golden Bears, being named to both the CIAU and CWUAA All-Star teams, taking CIAU Player-of-the-Year honors and receiving the MVP award for two seasons.

The Track and Field team welcomes Ian Newhouse, an athlete who holds a number of CWUAA records.

Newhouse has several CIAU gold medals to his credit and in 1981, had the third fastest time in the world for the 600m. Allan Reddon was chosen for the National Gymnastics team following experience with the Golden Bear squad. He was named CIAU All-Canadian in 1980-81 and won the '83-84 CIAU All-Around Championship.

The National Swimming team has two former University athletes on its roster. Peter Szmidt won several gold medals in the '82-83 CWUAA Cham-

pionships and a number of silvers from the CIAU Championships held that same year. The '82-83 CIAU Outstanding Male Swimmer-of-the-Year, Cam Henning, will also join the National team. During the championships Henning established three new CIAU records and one Canadian national record.

Other athletes who have attended the University and will be competing for Canada are Gord Gerlach, Baseball, and John Primrose, Shooting. □

'Research in the '80s'

"Research in the '80s" will be the theme of the University's participation in the fast-approaching Klondike Days. Feature attraction of the University's display booth, to be set up in the Northlands AgriCom, is a 30-minute video tape focussing on current University research. While high tech is the central theme for the overall AgriCom display, the University's efforts in a wide range of research projects will be included.

The Faculties of Medicine, Engineering, Agriculture and Forestry,

and Science will be highlighted in the half-hour video, co-produced by the Department of Radio and Television and the Office of Community Relations. In addition to the video tape, selected portions of the University's 75th Anniversary Display will be set up during the 10-day event.

The University will join more than 50 other exhibitors in the new AgriCom. Klondike Days runs from 19 to 28 July. The AgriCom will be open to the public from 11 a.m. to 11 p.m. each day. □

Calligraphy Display Raises Funds for Kurimoto Garden

The Vanderlelie gallery in the LeMarchand Mansion is the showplace for Japanese calligraphy, wood-block prints and hand-painted kimonos until 14 July. All proceeds raised by the display will be donated to the Kurimoto Japanese Garden in the University of Alberta Devonian Botanic Garden.

Calligraphy is the art of elegant and stylized handwriting with a brush and ink. Some of the outstanding works at the gallery are the products of artists Ryu Oshima of Hokkaido, a master in the medium of woodblock prints; and Edmontonian Jean Richards, who recently won first prize in the *Tokyo Times* Calligraphy com-

petition.

The Kurimoto Garden was named for Hiroshi Kurimoto, first Japanese graduate of our University (1930). Plans for the Garden have been underway since 1976, and call for floral plantings, a waterfall, and structures typical of a Japanese meditation garden. Takashi Kubo, designer of the Japanese Garden in Lethbridge, is the architect.

The project was sponsored by the Intercultural Society for the Arts and the Friends of the University. Funding is by donation, with Mrs. Kurimoto donating \$125,000, an amount that has been matched by both the University and the province. □

An Error of Omission

The following paragraph was inadvertently left off the reprinting of Vice-President Kaplan's Report to Convocation (*Folio*, 28 June 1984).

Monsieur le Chancelier, en terminant mon allocution, je tiens à féliciter chaleureusement tous les finissants et leurs parents. Permettez-moi de souhaiter que vous vivrez épanouis et heureux dans un monde en paix et

dans un pays et une province prospères et libres. Or, sachez que la réalisation de la paix et la prospérité demande un effort considérable de la part des citoyens et des institutions. Puissent cette université et ses étudiants, actuels et anciens, contribuer à la lutte, aussi ardue soit-elle, pour la paix et la prospérité. □

Klondike Days Breakfast Slated for 20 July

The traditional NASA Klondike Breakfast will be held on Friday, 20 July, from 7 to 10 a.m. in the CAB Cafeteria. The meal—pancakes, sausages, orange juice and unlimited coffee—will cost \$2.25.

President Horowitz has agreed to time off for non-academic staff subject to arrangements being made with Department Chairmen.

Entertainment will begin at 7 a.m. with the piano stylings of Ernie

Towne. The Klondike Review will appear from 7:30 to 8:30 a.m.; Klondike Kate from 8:45 to 9 a.m.; and Kathy Mitchell and her band from 9 to 10 a.m.

All members of the University community are urged to attend and support the event by sporting Klondike attire. A prize of \$25 each will be awarded the best dressed male and female. □

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Zoology

13 July, 3 p.m. Dominic Man-Kit Lam, Cullen Eye Institute, Baylor College of Medicine, Houston, Texas, "Neuronal Communication: Steps Toward a Cellular and Molecular Understanding." P-210 Biological Sciences Building.

Immunology

23 July, noon. Hung-Sia Teh, Department of Microbiology, University of British Columbia, "Immunosuppression by fetal thymus-derived T cell clones." Sponsored by the Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

Student Legal Services of Edmonton

31 July, 7 p.m. Evening seminar about matters of interest to landlords and tenants. Call 432-2226 for free tickets and ask for Legal Reform Office for more information. 201 Law Centre.

Matters of Faith

St. Joseph's College

Mass conducted daily at 7:30 a.m. and 12:30 p.m., Saturday at 12:30 and 4:30 p.m., Sunday at 9:30 and 11 a.m.

Exhibitions

Ring House Gallery

Until 15 July. "Water & Colour & Paper," 59th Annual Exhibition of the Canadian Society of Painters in Water Colour.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing
MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Introduction to Plotting
Integrated Graphics Overview

Statistics

Data Preparation for Statistical Packages (Prerequisite)
Introduction to SPSSx
SPSSx Conversion
Introduction to BMDP
Introduction to MIDAS
Introduction to MINITAB
Introduction to TROLL

Microcomputers

Introduction to the IBM PC
The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.
Advanced Text Formatting
Courier Operation and Visual Editing
Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to the Array Processor
Introduction to APAL
Introduction to Clustan
Introduction to TSP
Introduction to Osiris
For more information on any of the courses listed above, telephone the Training Assistant at 432-2511, between 8:30 and noon, weekdays.

Devonian Botanic Garden

For further information on the courses listed below, call 987-3054.
Groundcovers for Your Yard
Wildflowers of the Cardinal River Divide
Summer Wildflowers
Hunting for Edible Mushrooms
Cattail Coil Basketry

Notices

Calendars and Phone Books Transferred

The University Calendars and telephone books, formerly housed in Rutherford North, have been transferred to the Information and Reserve Centre, main floor, Cameron Library. Kindly direct your queries to the Information Desk located near the entrance turnstiles in Cameron (or call 432-4174) if you wish to consult these or are experiencing difficulties with regards to these two collections.

Childe Harold and Chums

The University's Child Centre is now accepting applications for its winter program. The Centre offers an individualized program for children aged 4 to 5 years. Classes run from the beginning of September to mid-June, Monday through Friday, from

9 to 11:30 a.m. or 1 to 3:30 p.m. Fees are \$60 per month. Application forms may be obtained by calling Antonella at 432-4273.

There are still some spaces left in the Centre's summer program which began on 3 July and runs until 10 August. The classes offer a program for children aged 3 to 8 years. The fee is \$96.

Cycling Safety Study

Do you ride your bike once a day, week, month, or year? You can participate in a study designed to evaluate cycling safety and learn valuable riding techniques.

For more information, write to Kathy Somerville, Department of Physical Education and Sport Studies.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Roslyn Hanchard or Roy Bennett, telephone 432-3208.

For Sale: 1 Wescor Vapour Pressure Osmometer.
1 Thermocouple head cleaner.
For more information, telephone S. Kaufman, 432-6070.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Sessional Lab Coordinator

The Department of Soil Science invites applications for the position of Laboratory Coordinator for its undergraduate teaching labs

Duties include responsibility for organization and conduct of the undergraduate labs and will involve marking and grading of lecture and laboratory assignments. The position will be full-time from September through April and requires someone with a Soil Science degree. Salary will be commensurate with qualifications and experience.

Applications, including a curriculum vita and the names of three referees, should be submitted to M. Yohemas, Administrative Officer, Department of Soil Science, 438 Earth Sciences Building, University of Alberta, Edmonton, Alberta T6G 2E3

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. Due to publication lead time and the fact that positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 6 July 1984. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR

Library Clerk II (Term) (\$1,161-\$1,390) Music Clerk Steno II (\$1,161-\$1,390) Romance Languages
Purchasing Clerk II (\$1,294-\$1,561) Materials Management
Admissions Records Clerk (\$1,294-\$1,561) Registrar's Office

Clerk Typist III (Part-Time, Trust) (\$8.53-\$10.29/hr.) Applied Sciences in Medicine Clerk Typist III (Term) (\$1,294-\$1,561) Office of the Comptroller
Clerk Typist III (\$1,294-\$1,561) Library Science Clerk Typist III (\$1,294-\$1,561) Personnel Services and Staff Relations
Clerk Steno II (\$1,294-\$1,561) Business Clerk Steno III (\$1,294-\$1,561) Extension Clerk Steno III (\$1,294-\$1,561) Forest Science Clerk Steno III (\$1,294-\$1,561) Mineral Engineering
Systems Control Clerk I (\$1,338-\$1,625) Personnel Services and Staff Relations
Medical Steno (Trust) (\$1,442-\$1,766) Surgery Administrative Clerk (Student Housing Coordinator) (\$1,442-\$1,766) Housing and Food Services
Administrative Clerk (Admissions Secretary) (\$1,442-\$1,766) Law
Administrative Clerk (\$1,442-\$1,766) Music Departmental/Executive Secretary (\$1,625-\$2,003) Personnel Services Departmental/Executive Secretary (\$1,625-\$2,003) Senate Departmental/Executive Secretary (\$1,625-\$2,003) Religious Studies Audiovisual Assistant (Term) (\$1,161-\$1,390) Physical Education and Recreation Technician I (Trust) (\$1,497-\$1,842) Pharmacy Instrument Technician II (\$1,697-\$2,092) Chemical Engineering
Technologist I (Trust) (\$1,697-\$2,092) Pathology Biochemistry Technologist I (Trust) (\$1,697-\$2,092) Cancer Research Group Biology Technologist I (Trust) (\$1,697-\$2,092) Zoology
Administrative Assistant I (\$1,842-\$2,280) Alumni Office
Library Assistant IV (\$1,920-\$2,378) Boreal Institute for Northern Studies
Electronics Technician IV (\$2,280-\$2,834) Computing Science
University Fire Marshall (\$2,280-\$2,834) Physical Plant
Specialist Technician (\$2,596-\$3,239) Electrical Engineering

For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library. Telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Mountain recreational building lots, fully serviced underground. Development 40% sold, mostly professionals and academics. From \$25,000. Call evenings, 432-1950, or Overlander Mountain Park Properties, Jasper East. 866-3790.
Anxious to sell - Three-bedroom home in Parkallen. Hardwood floors, 1 1/2 baths, double garage, basement suite. \$86,000 mortgage at 12 1/2%. Asking \$109,000. Trade for Calgary home. Offers? Collect 283-9974, 286-1922.

Sale - 4-6 acres. Rocky Mountain lots near Tête Jaune, B.C. (270 miles), from \$13,650. 25% down, 10% interest. 604-566-4721. John Peterson, Box 901, Valemont, V0E 2Z0.

Rent - 1 September 1984-31 January 1985, four bedrooms, North Glenora. \$650/month, negotiable. 452-0635.

Rent - Lease, four-bedroom, furnished house. Garage. August 1984-1985. Petrolia. Good University access. Negotiable. 434-5640.

Sale - Turn of the century, Windsor Park home. Eleven rooms, five bedrooms and three baths. Unique blend of old-world charm and contemporary convenience. Robert Kully, A.E. LePage, 437-7480, 437-5364.

Sale - Just listed, extremely well maintained bungalow. Keyhole crescent, Parkallen. Upgraded kitchen, maple cupboards, walk to University. \$79,000. Joyce Byrne, Spencer's. 435-6064, 436-5250.

Sale - New listing. Beau Park. Semi-bungalow, 1,296' Excellent location. Patio doors off kitchen to deck, south yard. Walking distance to University. \$89,900. Joyce Byrne, Spencer's. 435-6064, 436-5250.

For rent - Claridge House. Large, luxury, highrise condo. apartment. Two bedrooms, two bathrooms. Insuite laundry, air conditioned, five appliances. One block to University. \$800. 430-6797.

Rent - West end. MacKenzie Ravine. Three-bedroom bungalow, fireplace, fridge, stove. Responsible, neat, family. Immediate. \$750. 476-8858.

For sale - Immaculate, two-bedroom bungalow, fully developed basement, double garage. Walking distance to University. Huge lot, landscaped, mature trees. Call 436-5844.

Sale - 320 acre farm, \$89,900. East of Smoky Lake on Highway 28. 160 acres in pasture. Power, gas on property. Fenced. Shirley, 435-6113 or 438-5100.

Sale - 9855 81 Ave. Two-bedroom bungalow, two bedrooms in basement. Rented at present. Older home in good condition. Try \$55,000. Call Jerry, 463-3043 or 438-5100.

Sale - \$64,500 for 950 sq. ft. bungalow within walking distance of University. Hardwood floors, two stoves, one fridge, gas fireplace, large single garage. Melanie Shipka, 438-5100, pager 426-5880 #5100.

Sale - Walk University, \$74,900, from this well maintained, two-bedroom bungalow with two bedrooms down. Two baths, three appliances. Large, private yard. Quiet street. Shirley, 435-6113. Mrs. Reid, 434-3976, 438-5100.

Rent - Executive bungalow, three bedrooms, two baths, close University, amenities. 1,390', prestige location, one-year lease. \$850/month. 434-4586.

Sale - Owner. Renovated, two-storey, two-bedroom house. Hardwood floors throughout. Enormous kitchen. Artist's studio in basement, rentable as suite, separate entrance. 10834 79 Ave. Walk to University. \$85,000. 439-6528, 462-2215.

Sale - Three-bedroom home in Parkallen, large lot, new heated double garage. Near schools, University, bus routes. \$74,300. Phone Dolores Nord, 421-8434, 488-8753. Canada Trust.

For rent - 10839 University Ave. Well furnished, one-bedroom apartment. \$400. Caretaker #16. 431-0029, 488-9151.

Sale - Bungalow, 87 Ave. near 120 St. Six rooms, three bedrooms, large kitchen with breakfast area, finished basement, approximately 1,460 sq. ft. For sale/owner during July only, save sales commission. 439-1320.

Sale - 1,418, two bedrooms, two bathrooms. Luxurious, hi-rise condo. Six appliances, laundry, air conditioned, underground parking, pool, sauna, jacuzzi, one block University. \$119,500. 432-7850.

Open house - Saturday 14 July and Sunday 15 July, 12-4 p.m. 11423 55 Ave. Lendrum, three-bedrooms, fully developed basement, double garage, two fireplaces. Worth viewing. Anxious to sell, \$88,000. 436-0876.

Sale - Owner, Petrolia. Two-storey, three-bedroom, 1,344', finished basement, two garages. 12 1/2% mortgage until December 1988. \$88,000. 437-4745 evenings.

Sale - Two-bedroom, modern condo. apartment. Two blocks University. A/C, parking, reduced. 486-6600 evenings.

Sale - Saskatchewan Drive. University. Unique, 70-year-old home, hidden among trees. Original, oak, parquet floors and woodwork. Stone fireplace. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Lakefront, choice lot on Mons Lake, near Smoky Lake, one acre of clean, sandy soil and pine trees. Adjacent to green belt. Call 434-5053.

Sale - Remodelled, immaculate bungalow. Terrific room available for studio. Crescent location. Huge yard. Close to University or Southgate. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Residential, city lots. One acre plus. By golf course. \$49,000 to \$74,250. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Belgravia. Immaculate, semi-bungalow. Hardwood floors. Solidly built. Large, treed lot. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Windsor Park. Charming, 1,788 sq. ft. Two-storey. Quiet location. Large, meticulously landscaped yard. Owner leaving for B.C. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - University. Luxury condo. Only \$89,000. All amenities. Pool, sauna, etc. Five appliances, balcony. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - University. Attractive, pleasant, two-bedroom condo. 1 1/2 baths, six appliances. \$74,000. Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Elegant, two-storey, Garneau. Features include 1,828 sq. ft. of spacious rooms. Hardwood floors, french doors, sun room, remodelled kitchen, large lot, deck. Contact Gary Krutzfeldt, 463-9323, 436-5238. Block Bros.

Goods for sale

Yamaha P2F studio, upright piano, \$3,500. 481-2861.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections

and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

Kawai, upright piano, polished, \$3,250. 437-7299. Moving to Hawaii, must sell everything: Bauhaus, teak, wicker furniture, art, pottery, housewares, children's clothes and toys. Phone 455-6593 evenings.

Paintings, other art: Gissing, Murray MacDonald, Glyde, Leighton, others. Japanese stencils; Chinese embroideries. 433-2932.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A 105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661.

Professional typist - Word processing. Specializing in theses and dissertations. Gwen, 467-9064.

Word processing - \$18/hour. Typing - from \$1.50/page. Greek symbols and equations. 432-0138.

Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress tension at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: heat, massages, chiogymnastics, interferential electrotherapy. 436-8059. 11627 75 Ave.

For prompt, accurate typing of reports, theses, letters, etc. Call 481-2861.

JL Citation Services. Computerized literature searching by experienced scientists. Full searches, automatic updating. 487-8652. M-W: Th: 1-5:30, Tu-W-F: 8:30-12:30.

Thesis typing - papers. Experienced. 488-7089.

Interior and exterior home renovations. Design service available. Bridgewater Designs. 433-6957.

Quaker worship, Sundays, 11 a.m. Soroptimist Room, YWCA. 100 Ave. 103 St.

L'Atelier, French tutorial: Small classes at various levels. Adults and children (weekdays). Semi-immersion (Saturdays). Contact Yves Puzo, 432-7565, Tuesdays and Thursdays, 3-6 p.m.

COLD SORES!

Do you suffer from recurring cold sores?

Would you like to participate in a CONFIDENTIAL, controlled study by a University of Alberta research team investigating a promising anti-viral medication?

For more information, call Sheri or Joanne at 432-2691.

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